

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,212,999 B2

Page 1 of 9

APPLICATION NO.: 09/289,550

ISSUE DATE : May 1, 2007

INVENTOR(S) : Richard W. Friesen, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6, line 41: please delete "\$29.50" and insert --slightly less than \$27.35--.

Column 10, line 10: please delete "value/quality" and insert --value/quantity--.

Column 10, line 12: please delete "quality" and insert --quantity--.

Claim 34, column 16, lines 17-18: please delete "of plurality of" and insert --of the plurality of--.

The Title Page, showing the illustrative Figure, should be deleted and substitute therefor the attached title Page.

Delete Figs. 2, 3A, 3B, 3D, 3E, 9, 4, 6, 7, 10 and substitute therefor the drawing sheets, consisting of Figs.

2, 3A, 3B, 3D, 3E, 9, 4, 6, ~~7~~ and 10 as shown on the attached page.

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US007212999B2

(12) **United States Patent**
Friesen et al.

(10) **Patent No.:** **US 7,212,999 B2**
(45) **Date of Patent:** **May 1, 2007**

(54) **USER INTERFACE FOR AN ELECTRONIC TRADING SYSTEM**

5,077,665 A 12/1991 Silverman et al.

(Continued)

(75) **Inventors:** **Richard W. Friesen, Fairfax, CA (US);**
Peter C. Hart, San Rafael, CA (US)

FOREIGN PATENT DOCUMENTS

EP 0 388 162 A2 * 3/1990

(Continued)

(73) **Assignee:** **Trading Technologies International, Inc., Chicago, IL (US)**

OTHER PUBLICATIONS

How the Futures Markets Work, Jake Bernstein, 1989, New York Institute of Finance, pp. 62-67.*

(Continued)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

Primary Examiner—Charles R. Kyle

(74) *Attorney, Agent, or Firm*—McDonnell Boehnen Hulbert & Berghoff LLP

(21) **Appl. No.:** **09/289,550**

(57) **ABSTRACT**

(22) **Filed:** **Apr. 9, 1999**

A user interface for an electronic trading exchange is provided which allows a remote trader to view in real time bid orders, offer orders, and trades for an item, and optionally one or more sources of contextual data. Individual traders place orders on remote client terminals, and this information is routed to a transaction server. The transaction server receives order information from the remote terminals, matches a bid for an item to an offer for an item responsive to the bid corresponding with the offer, and communicates outstanding bid and offer information, and additional information (such as trades and contextual data) back to the client terminals. Each client terminal displays all of the outstanding bids and offers for an item, allowing the trader to view trends in orders for an item. A priority view is provided in which orders are displayed as tokens at locations corresponding to the values of the orders. The size of the tokens reflects the quantity of the orders. An alternate view positions order icons at a location which reflects the value and quantity of the order. Additionally, contextual data for the item is also displayed to allow the trader to consider as much information as possible while making transaction decisions. A pit panel view is also provided in which traders connected to the pit are represented by icons, and are displayed corresponding to an activity level of the trader.

(65) **Prior Publication Data**

US 2003/0097325 A1 May 22, 2003

(51) **Int. Cl.**
G06Q 40/00 (2006.01)

(52) **U.S. Cl.** 705/37; 705/35; 345/440.2

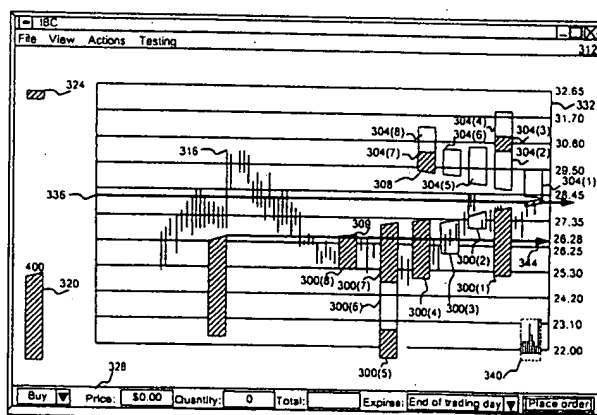
(58) **Field of Classification Search** 705/37
See application file for complete search history.

(56) **References Cited**

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35 Claims, 11 Drawing Sheets



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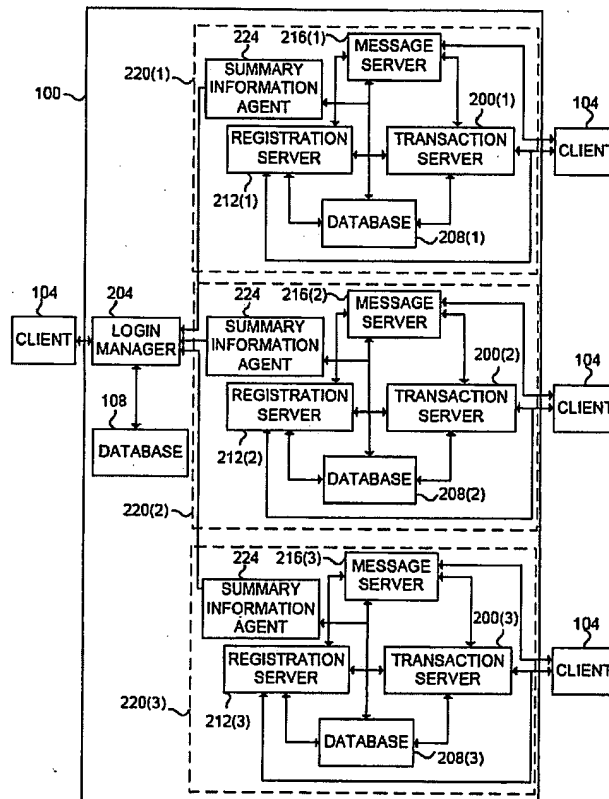


FIG. 2

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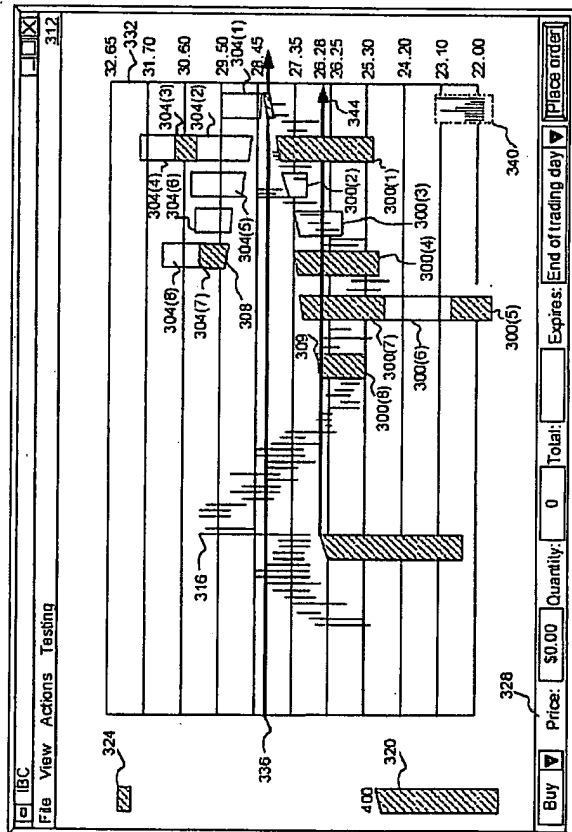


FIG. 3A

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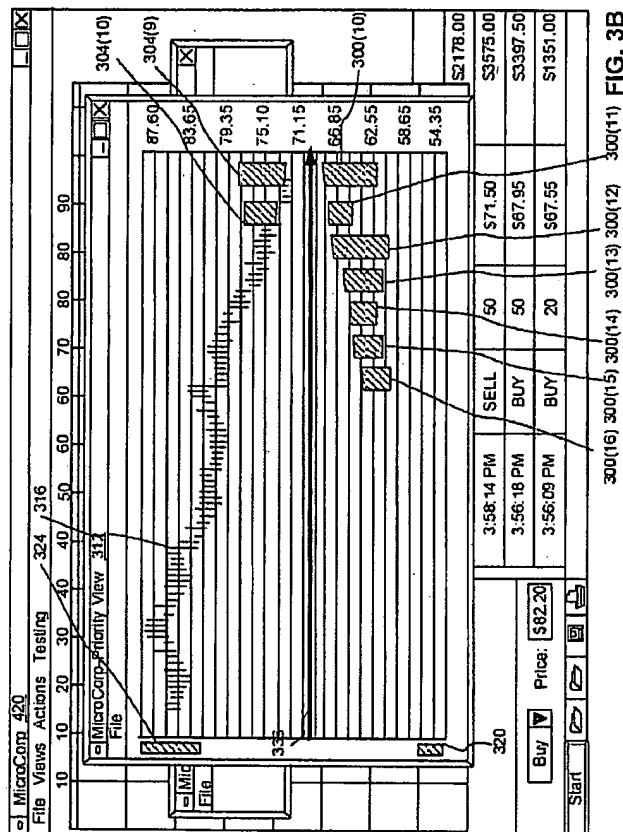
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BUY

Price: \$35.90

Quantity: 40

Value: \$1436.00

Expires: End of trading day

OK Cancel

FIG. 3D

SELL

Price: \$50.10

Quantity: 50

Value: \$2505.00

Expires: 1 Week

OK Cancel

FIG. 3E

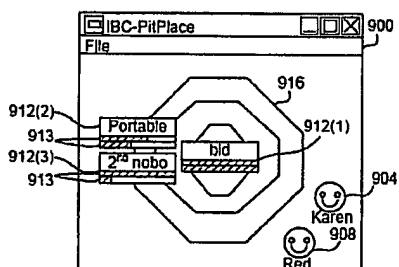


FIG. 9

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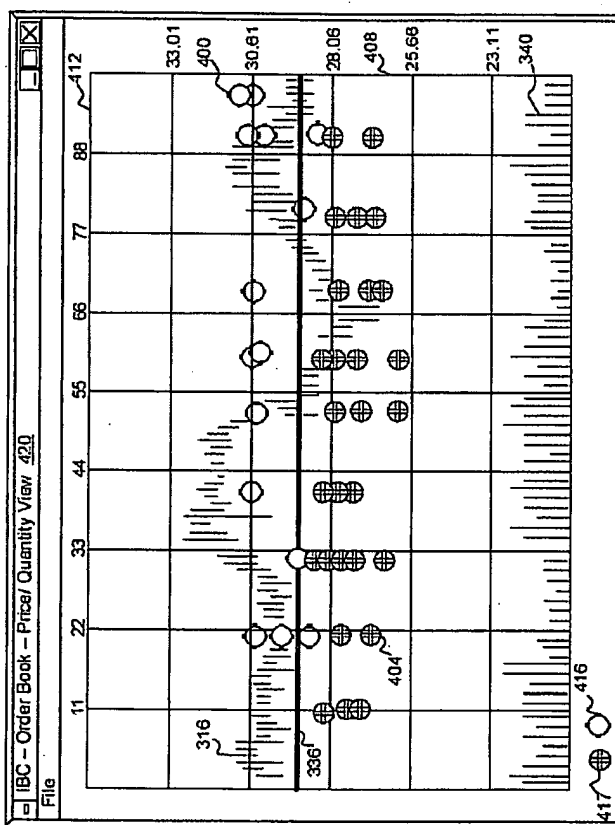
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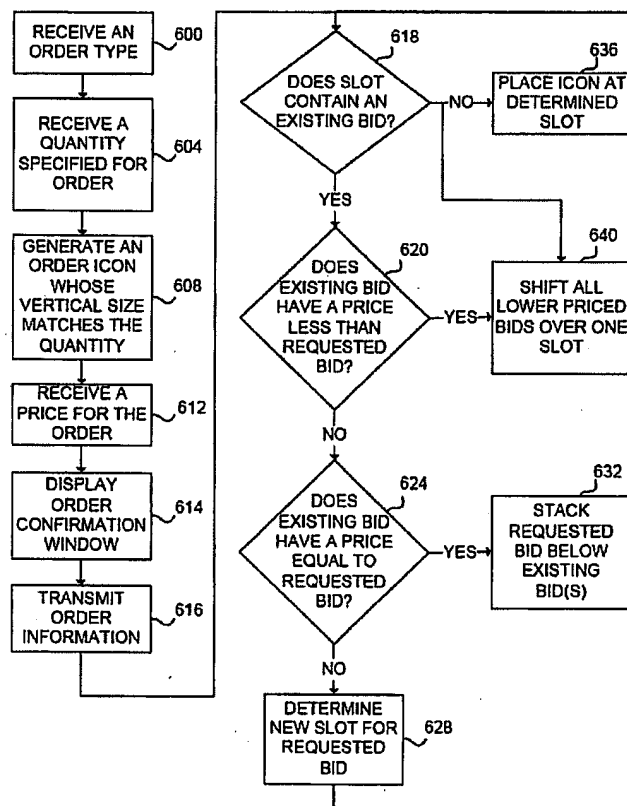


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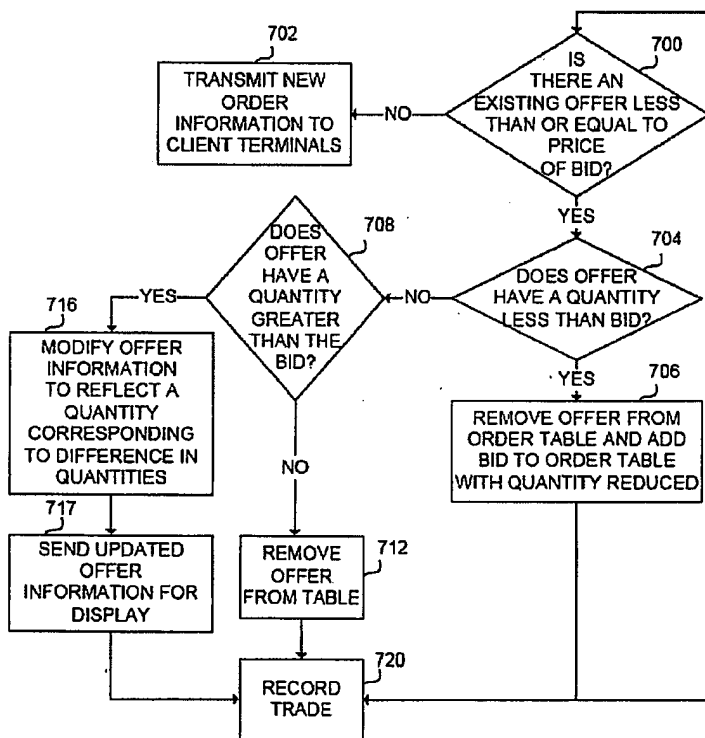


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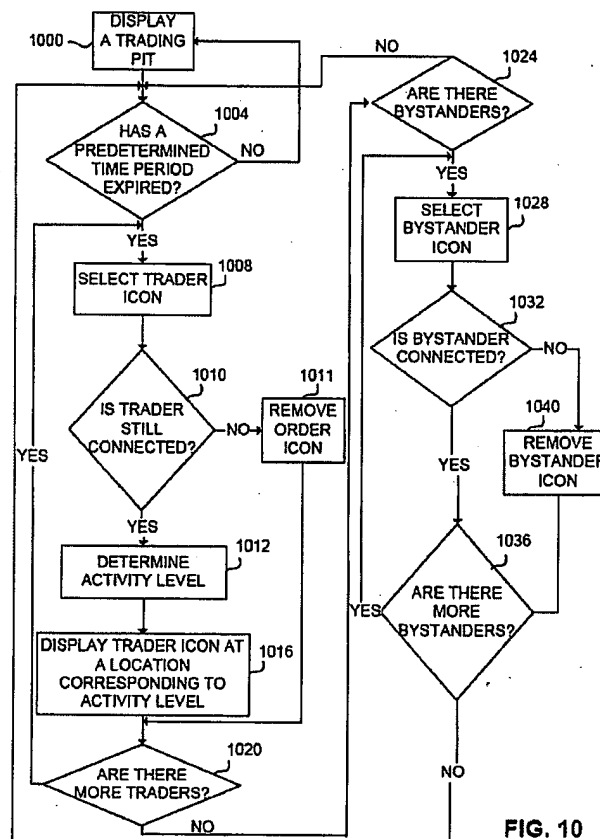


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